

BEVERLEY
RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

Medical Officer of Health

(GEOFFREY THOMPSON, M.B., Ch.B.)

AND

Sanitary Inspector

(G. PALFREYMAN, F.I.A.S., A.I.A.A., M.I.S.E., M.R.San I.)

for 1945

Beverley:

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BEVERLEY RURAL DISTRICT COUNCIL.

Chairman of the Council:

H. W. MACKRILL, J.P.

Vice-Chairman of the Council:

W. P. VICKERMAN, A.C.A.

Chairman, Executive Committee:

H. W. MACKRILL, J.P.

Chairman, Housing and Planning Committee:

W. E. BRUMFIELD.

Chairman, Finance Committee:

W. P. VICKERMAN, A.C.A.

Chairman, Water and Sewerage Committee:

H. W. MACKRILL, J.P.

Solicitor and Clerk:

NEVILLE HOBSON, M.C., J.P.

Chief Financial and Rating Officer, Deputy Clerk:

H. R. MATTHEWS, F.C.R.A.

Medical Officer of Health:

GEOFFREY THOMPSON, M.B., Ch.B.

Sanitary Inspector:

G. PALFREYMAN, F.I.A.S., A.I.A.A., M.I.S.E.,
M.R.San.I.

Additional Sanitary Inspector:

G. H. BALL, M.S.I.A., C.R.S.I.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1945.

*To the Chairman and Members of the Beverley Rural District
Council.*

LADY AND GENTLEMEN,

I have the honour to present my Annual Report for 1945.

The general health of the district is satisfactory, particularly in view of present conditions, but whilst there have been no major epidemics of notifiable disease, as might have been expected, there has undoubtedly been a continual increase in the less serious forms of ill-health, in particular Gastro-Enteritis, Gastric and Duodenal Ulcers.

The number of births was 281, a decrease on the previous year of 30, giving a birth rate of 17.05, as compared with 17.10 for the year 1944 and 14.84 for 1943.

The number of deaths, excluding the Mental Hospital, was 186, a decrease on the previous year of 7, giving a death rate of 11.31, as compared with 11.16 for 1944 and 9.43 for 1943.

The number of cases of Diphtheria was 2, and of Scarlet Fever 11. There were 150 cases of Measles.

There were 19 new notifications of Tuberculosis and there were 86 cases on the Register on December 31st. The Register has now been brought up to date.

There are 25 Parishes in the area, 24 of which have Parish Council and one a Parish Meeting.

The inhabitants are largely employed in Agriculture, but many find industrial employment in the City of Hull, the Borough of Beverley and in the area adjoining the River Humber.

The chief local industries are Shipbuilding, Chemical Works, Aircraft Construction, Cement Works, and Spelter manufacture.

GENERAL STATISTICS.

Area, 91,488 acres.

Population, 16,450 (Registrar-General's figure).

Number of inhabited houses, 4,646.

Rateable Value, £92,046.

Sum represented by a Penny Rate, £372 2s. 1d.

VITAL STATISTICS.

<i>Births—</i>	Male.	Female.	Total.
Legitimate	130	122	252
Illegitimate	14	15	29
	<hr/>	<hr/>	<hr/>
Total	144	137	281
	<hr/>	<hr/>	<hr/>

Birth rate per 1,000 per annum 17·05

Birth rate for United Kingdom 16·10

<i>Still Births—</i>	Male.	Female.	Total.
Legitimate	3	3	6
Illegitimate	—	1	1

<i>Deaths—</i>	Male.	Female.	Total.
	89	97	196

Death rate per 1,000 per annum 11·31

Death rate for united Kingdom 11·40

The number of women dying in or in consequence of
childbirth Nil

Deaths of Infants under 1 year :—

	Male.	Female.	Total.
Legitimate	7	4	11
Illegitimate	—	—	—
	<hr/>	<hr/>	<hr/>
	7	4	11
	<hr/>	<hr/>	<hr/>

Death rate of Infants under 1 year :—

All infants per 1,000 live births (United Kingdom).. 46.00

All infants per 1,000 live births 39.16

Legitimate infants per 1,000 legitimate live births.. 39.16

Illegitimate infants per 1,000 illegitimate live births Nil

	1945.	1944.
Deaths from Measles	Nil	Nil
Diarrhoea under 2 years	Nil	Nil
Cancer	27	27
Whooping Cough	Nil	Nil

NOTIFIABLE DISEASES.

Disease.	Total cases notified.	To Hospital.	Deaths.
Small Pox	Nil	Nil	Nil
Scarlet Fever	11	10	Nil
Diphtheria	2	2	Nil
Enteric Fever (including Paratyphoid) ...	Nil	Nil	Nil
Puerperal Pyrexia	1	1	Nil
Malaria (non-civilian)	2	2	Nil
Pneumonia	17	Not known	6
Cerebrospinal Fever	1	1	Nil
Erysipelas	1	Nil	Nil
Whooping Cough	25	Nil	Nil
Measles	150	Not known	Nil

The notification of Tuberculosis in this area is good.

No case of Tuberculosis has occurred among those employed in the Milk Trade.

AGE INCIDENCE OF CERTAIN INFECTIOUS DISEASES.

Age Group.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Measles.	Pneumonia.
0—5 years.	1	1	12	80	5
5—15 years.	7	1	10	52	3
15 and over.	3	—	3	18	9
Total, all ages.	11	2	25	150	17

CAUSES OF DEATH.

	Male.	Female.	Total.
All causes	89	97	186
1. Typhoid and Paratyphoid	—	—	—
2. Cerebrospinal Fever	—	—	—
3. Scarlet Fever	—	—	—
4. Whooping Cough	—	—	—
5. Diphtheria	—	—	—
6. Tuberculosis of Resp. System...	4	1	5
7. Other forms of Tuberculosis ...	1	2	3
8. Syphilitic Diseases	—	—	—
9. Influenza	—	—	—
10. Measles	—	—	—
11. Ac. Polio-myel. and Polio- Enchip.	—	—	—
12. Ac. Inf. Enceph.	1	—	1
13. Cancer of Buc. Cav. and Esoph. (M.), Uterus (F.)...	3	1	4
14. Cancer of Stomach and Duodenum	2	3	5
15. Cancer of Breast	—	4	4
16. Cancer of all other sites	3	11	14
17. Diabetes	—	1	1
18. Intracranial Vascular Lesions...	9	11	20
19. Heart Disease	26	28	54
20. Other Diseases of Circulatory System	5	11	16
21. Bronchitis	6	4	10
22. Pneumonia	4	2	6
23. Other Respiratory Diseases	2	1	3
24. Ulcer of Stomach or Duodenum	4	—	4
25. Diarrhoea under 2 years	—	—	—
26. Appendicitis	—	2	2
27. Other Digestive Diseases	3	1	4
28. Nephritis	1	4	5
29. Puer. and Post-abort. Sepsis ...	—	—	—
30. Other Maternal causes	—	—	—
31. Premature Birth	3	—	3

	Male.	Female.	Total.
32. Con. Ma. Birth Inj. Infant Dis.	2	2	4
33. Suicide	—	1	1
34. Road Traffic Accident	2	—	2
35. Other violent causes	3	4	7
All other causes	5	3	8

CLINICS.

Tuberculosis—Provided by the County Council at Beverley and Hessle. The Beverley Clinic is held weekly, and the Hessle Clinic fortnightly.

Ante-Natal—Nil. An Ante-Natal Clinic is to be opened by the County Council at Brough early in 1945 in conjunction with the local District Nursing Association.

Infant Welfare—County Council Clinics are held at Brough and South Cave.

School—Nil.

Venereal—Hull Venereal Clinic.

PATHOLOGICAL SPECIMENS.

Pathological specimens are sent to the Emergency Medical Service Laboratory at Driffield and to the Pathological Department of the Hull Royal Infirmary.

Venereal Disease specimens are sent to the Pathological Department of the Hull Royal Infirmary or to Scarborough.

MIDWIFERY.

There are District Nurse Midwives employed by Local District Nursing Associations resident at Woodmansey, Brough and Lund. One Private Practicing Midwife resident at Lund. The remainder of the area is served by Midwives employed by the County Council.

HOSPITALS.

Tuberculosis Patients are normally sent to the County Council Sanatorium at Raywell, but I regret to report that the difficulty of admission to the Sanatorium is as great as

before. I need hardly stress how serious this is for the community.

Maternity. There are County Council Maternity Homes at Beverley, Driffield and Bridlington. There is a private Maternity Home at Leven. Cases of difficulty are sent to The Avenue Hospital, Bridlington.

Owing to the difficulty of obtaining domestic help and the fact that many young married women are living with their parents or in lodgings, many more women are seeking admission to Maternity Homes, and there is a shortage of beds available. A further Maternity Home is to be opened in the Humber Bank area when conditions permit.

General. Cases are sent to the Royal Infirmary, Hull, and the Infirmary Annex at Sutton. The E.M.S. Hospital at Beverley is again open for civilian cases from the East Riding. This has eased a position which has been very acute in the past.

Children. General cases are sent to the Victoria Children's Hospital, Hull. Infectious cases are sent to the County Council's Hospitals at Driffield and Howden.

Small Pox. County Council Hospital near Pocklington.

Ambulance Facilities. The greater part of the area is served by ambulances belonging to, and manned by, the St. John Ambulance Brigade and the Red Cross Society. Ambulances are stationed at Brough, Beverley, Swanland, Cottingham and Market Weighton.

Infectious cases are moved in the ambulances provided by the County Council.

Health Visitors. This service is provided by the County Council.

Orthopædic Treatment. Arrangements have been made whereby cases can be admitted to the Orthopædic Hospital at Kirbymoorside, and an Out-patient Clinic is provided by the County Council at Driffield.

GEOFFREY THOMPSON, M.B., Ch.B.,

Medical Officer of Health.

August, 1946,

RURAL HO

	Cave, South.	Ferriby, North.	Molescroft.
GENERAL.			
Population, 1931	1116	1489 *	261
Population, 1945/46 Survey	1184	1569	727
Number of houses, 1945	336	468	204
Number overcrowded or potentially overcrowded houses	5	6	1
Percentage overcrowded houses to total	1.5%	1.28%	0.49%
Number of houses with more than one family	27	35	13
Percentage of above to total families	8.03%	7.5%	6.4%

HOUSING CONDITIONS.

STANDARD OF FITNESS :

Houses satisfactory in all respects	77	138	5
Houses requiring minor repairs	143	148	92
Houses requiring substantial repairs or alterations	21	16	18
Houses suitable for treatment under Housing (Rural Workers) Act. In the absence of a satisfactory undertaking from the owners the houses will be re-grouped under 5	1	—	—
Houses likely to require demolition	7	1	1
Existing condemned houses	4	4	6
Temporary Dwellings	11	—	5
Houses over £20 R.V.	27	159	70
Farms	44	3	7
Fitness factor	79%	86%	72%

SANITARY CONVENIENCES.

Number of Water Closets	60	383	165
Number of Pail Closets	67	84	7
Number of ashpits and others	209	841	32

WATER SUPPLIES.

House with supply from mains	239	457	151
House with supply by yard stand tap from mains	22	11	—
Houses with supply from street stand tap	—	—	18
House with supply from own well or bore	45	—	29
House with supply from well or bore used in common	15	—	5
Water obtained from public well in street	—	—	—
Water obtained from springs	—	—	—
Water obtained from rain water tank	3	—	—
No water supply	12	—	1

SING SURVEY.

ewbald.	Routh.	Skidby.	Swanland.	Walkington.	Wawne.	Woodmansey.	Tickton.	Leven.
704	140	682	640	1342	604	1136	532	724
688	127	661	1105	1350	554	1342	534	701
193	31	168	342	188	148	417	157	233
17	—	9	4	1	4	6	5	13
8.8%	—	5.3%	1.18%	0.53%	2.7%	1.43%	3.18%	5.6%
1	5	24	19	1	6	6	9	12
52%	16.2%	14.3%	5.55%	0.53%	4.05%	1.43%	5.74%	5.2%
7	3	1	151	36	4	66	29	57
32	8	23	66	58	23	158	44	53
52	5	64	14	25	24	82	23	55
16	2	—	—	3	8	1	1	—
1	1	—	1	4	—	—	4	1
41	—	17	19	27	11	11	11	15
1	—	21	2	2	25	43	15	19
6	—	5	83	16	13	10	6	11
37	11	37	6	17	41	46	24	22
42%	63%	49%	84%	63%	53%	73%	68%	70%
6	6	16	275	93	27	186	14	33
46	1	19	12	44	6	44	111	190
141	24	133	55	51	135	187	32	30
38	8	90	319	108	73	228	22	63
4	—	18	16	—	4	—	—	2
15	—	—	—	68	—	—	—	—
24	15	9	3	12	24	160	64	54
—	2	13	3	—	40	22	59	98
—	—	4	—	—	—	—	10	—
—	—	—	—	—	—	—	—	2
1	—	—	—	—	—	—	—	—
11	6	34	1	—	7	7	2	14

ANNUAL REPORT OF THE SANITARY INSPECTOR FOR THE YEAR 1945.

*To the Chairman and Members of the Beverley Rural District
Council.*

LADY AND GENTLEMEN,

I have pleasure in presenting to you my Annual Report for the year 1945.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY.

In addition to the Council, there are two Statutory Water Undertakings and one private Estate Company supplying water in the Rural District.

Population of Rural District : 17,590 (Registrar-General's 1944 figures).

Estimated Population supplied :

	Population.		%
(a) Direct from Mains	13,293	...	77
(b) From Standpipes	273	...	1·6
	<hr style="width: 50%; margin: 0 auto;"/> 13,566		<hr style="width: 50%; margin: 0 auto;"/> 78·6

Estimated Number of Houses supplied :

	Houses.		%
(a) Direct from Mains	3,322	...	72
(b) From Standpipes	73	...	1·6
	<hr style="width: 50%; margin: 0 auto;"/> 3,395		<hr style="width: 50%; margin: 0 auto;"/> 73·6

As regards the two Statutory Water Undertakings and the private Estate Company, the Council have been informed that their supplies are regularly analysed and that no unsatisfactory reports have been brought to their notice.

Water obtained from the Council's Springhead Water Works at South Cave is analysed monthly in accordance with a standing arrangement with the Clinical Research Association. During the year 1945, 11 Bacteriological and 3 Chemical examinations were made of the supply from South Cave. In all cases the examination confirmed that the water is of high purity and suitable for domestic consumption. In accordance with the recommendations of the Ministry of Health, the South Cave supply is chlorinated, and regular tests are made to ensure a satisfactory residual. The water does not have a plumbo-solvent action.

Bulk supplies obtained by the Council from adjoining Authorities are examined periodically by their own Analysts.

So far as private well supplies to individual houses are concerned, these are examined as the occasion demands, and where necessary appropriate action is taken.

Of the samples of water obtained from private wells and bores which have been the subject of examination, 1 was found to be contaminated. The cause of contamination was a defective bore tube. Action was taken in respect of this case and arrangements are in hand for the premises to be given a supply of water from public mains.

Before the War, in order to provide a satisfactory supply to all parts of the Rural District, the Council submitted the "Hunsley Water Scheme" to the Ministry of Health. Had it been possible to proceed with this, the whole of the Rural District would now have been supplied; but the outbreak of war caused the Scheme to be postponed.

The Hunsley Water Scheme has now been revised and enlarged, and full particulars have been submitted to the Ministry and the County Council for their consideration. All plans and technical information have been supplied, and the Council are now awaiting a Local Inquiry. It is intended that this scheme shall be put into operation as soon as the necessary approvals are obtained.

QUANTITY OF WATER DISTRIBUTED THROUGH THE COUNCIL'S UNDERTAKING.

Year ended 31st March:	Annual Total Water Distributed. Gallons.	Daily Average Water Distributed. Gallons.
1935	1,193,000	... 3,267
1936	2,222,000	... 6,088
1937	2,986,000	... 8,182
1938	4,855,000	... 13,202
1939	7,468,000	... 20,458
1940	9,934,000	... 27,215
1941	22,495,000	... 64,353
1942	21,928,000	... 60,076
1943	27,082,000	... 74,196
1944	31,965,000	... 87,573
1945	45,612,000	... 124,964

WATER MAINS IN THE COUNCIL'S SUPPLY AREA.

	Diameter in inches.							Total Mileage.
	1½"	2"	3"	4"	5"	7"	8"	
Length in Miles..	1.20	0.85	9.76	4.20	3.19	5.95	3.75	28.90

SEWERAGE AND DRAINAGE.

Owing to war-time conditions, no major works have been undertaken on Sewerage or Sewage Disposal during the year, but sections of defective sewers have been relaid or repaired.

The Council are, however, fully alive to their responsibilities in this matter, and to this end have given instructions for the preparation of comprehensive schemes of Sewerage and Sewage Disposal for the whole of the Rural District not already so provided. Special priority is being given to those areas where substantial building development may be expected. Surveys are already in hand, and detailed schemes in respect of 8 parishes will be submitted to the Ministry and the County Council at an early date.

The work of converting Pail Closets and Ashpits and the consequent re-draining work has, necessarily, been severely restricted; but a few such conversions have taken place and it is hoped that, when conditions approach normality, the work will again be put in hand. Provision for this work is to be made in the new sewerage schemes.

REFUSE COLLECTION AND DISPOSAL.

Little change has taken place in regard to Refuse Collection and Disposal since my Report for 1944, but if the progress planned can be maintained the whole of the Rural District should have a full service by the end of 1946.

The service at present in operation consists of 3 Direct Labour Schemes and 1 small Contract Scheme, the details being :—

Central District.

Parishes : Molescroft, Woodmansey, Walkington, Bishop Burton, Cherry Burton and Etton.

Population : 3,524.

Southern District.

Parishes : North Ferriby, Swanland and Welton.

Population : 4,120.

South-Western District.

Parishes : Elloughton, Brantingham, Ellerker, South Cave and Newbald.

Population : 4,845.

Parish of Wawne (part).

Population served : 117. (Contract Scheme.)

The total population served by Refuse Collection and Disposal Schemes is 12,606, representing approximately 73% of the population of the Rural District.

At the beginning of the year under review, the transport available consisted of two “ Karrier ” Bantam (7 cubic yard

capacity) and one "Karrier" C.K. 3 (11 cubic yard capacity), together with a "Bedford" 3 tonner used for salvage collection and general purpose duties. During the year, delivery was taken of the new specially designed "Karrier" lorry which is capable of being used either for refuse collection duties or general transport in replacement of the "Bedford" vehicle. The question of "standby" vehicles is a difficult one for Rural Areas owing to their small financial resources, but it is considered the present arrangement will meet the requirements of the Refuse Collection Service for the above mentioned parishes, the dual purpose vehicle being used either for refuse collection or general transport as required.

Authority has since been received to acquire two additional refuse collection vehicles, and it is hoped these will be in commission before the end of 1946. By this means it will be possible to give a service to the whole of the parishes in the Rural District.

The experiment of using sawdust for dressing the tips has continued throughout the year and has proved as successful as was hoped for, and one of our difficulties regarding covering material has thus been overcome.

Owing to the wet nature of the refuse, it is essential that the vehicles are provided with water-tight bodies, but up to the present year it has proved difficult and expensive to maintain them in this condition. The acid action of the liquids very quickly attacks the exposed edges of the metal lining where screws pass through, and in a comparatively short time an expensive re-lining operation is necessary, requiring the laying up of a vehicle for 4—5 days. A new technique in welding with bronze at a comparatively low temperature has been successfully adapted to our needs, and recently two vehicles have been fitted with all welded linings, the experiment appearing to be quite successful. We are also using rubberised oil on the linings of the vehicles, so protecting the metal from corrosion. It is hoped that the life of the lining will be 2—3 times that previously obtained. The oily

nature of the material is also of great assistance in emptying the body when loads are being tipped.

No new tips have been brought into use this year, but owing to the expansion of the South-Western Scheme, the pit at Brantingham is being rapidly filled, and unless arrangements can be made with the owner and tenant to have the use of an additional area, it will be necessary at an early date to secure another tip.

HOUSING.

At the beginning of the year, the Council's activities were concentrated on 4 particular aspects of this subject:—

- (a) Advance Preparation of Housing Sites at Walkington and Newbald.
- (b) Advance Preparation of Housing Sites for Prefabricated Bungalows at Swanland, South Cave, Skidby and Woodmansey and erection of Swedish Houses at Newbald.
- (c) Completion of Drawings, Bills of Quantities and Specifications for various types of Houses.
- (d) Carrying out the Survey of Rural Houses as called for in the "Hobhouse" Report.

(a) *Walkington and Newbald.*

Active constructional work in connection with Streets, Drainage and Water Supply was commenced on these two sites in August, 1945, but owing to labour difficulties the work has been delayed. It is not expected that the works will be completed until the early part of 1946.

(b) *Swanland, South Cave, Skidby and Woodmansey.*

By October of 1945, the Swanland site had been handed over to the Ministry of Works for the erection of 7 dwellings. Street and Drainage Works were also commenced during the year at South Cave, Skidby and Woodmansey. The site at South Cave will be available at the beginning of January, 1946, but owing to the relatively large amount of site works

at Woodmansey and Skidby, these will not be available until about March, 1946.

The construction of Site Works and Substructures for the 8 Swedish Timber Houses allocated to the Council has been put in hand ready to receive the Superstructures as soon as they are delivered.

(c) The revised standard of accommodation outlined in the "Housing Manual" has necessitated the preparation of new type plans. These plans have now been finally completed and have received the approval of the Ministry of Health.

The necessity of preparing Bills of Quantity has delayed the commencement of building considerably, but no doubt the Bills will be useful in adjusting prices to meet rising costs.

(d) *Survey—"Hobhouse" Report.*

Owing to the shortage of staff, sickness and transport difficulties, this Survey has not proceeded as quickly as could be desired. Arrangement are being made to engage temporary assistance in order that the completion of the Survey may be expedited.

To present as complete a picture as possible, details of the Survey are included up to the time of the preparation of this Report in August, 1946. As mentioned in my Annual Report for 1944, additional information over that called for in the "Hobhouse" Report is being obtained, and this will assist considerably in the preparation of Sewerage and Water Schemes.

Temporary Dwellings.

During the year there has been a reduction in number of dwellings of this character, and practically the whole of these are now occupied as semi-permanent dwellings. It is difficult to see how the number can be reduced below its present level until the pool of houses is increased to a considerable extent.

GEORGE PALFREYMAN,

August, 1946.

Sanitary Inspector.

